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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/816,802	03/23/2001	Konstantinos Psounis	053560-0003	5828

7590

01/14/2004

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EXAMINER

WILLETT, STEPHAN F

ART UNIT

PAPER NUMBER

2141

DATE MAILED: 01/14/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/816,802

Applicant(s)

PSOUNIS ET AL.

Examiner

Stephan F Willett

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4, 7-8. 6) ☐ Other: _____.

DETAILED ACTION

Title Change

1. Pursuant to MPEP 606.01, the title should be changed to provide a complete and detailed description of the invention.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 2,12, 24, 27, are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. "Substantial optimization" is unclear, thus for examination purposes it was assumed that "optimization" was meant.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U. S.C. 102(e) that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

5. Claims 1-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Chan et al. with Patent Number 6,178,461.

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6. Regarding claim(s) 1, 23, 32, 36-37, Chan teaches a condenser between a server and a user s “more compact and efficient form”, col. 4, lines 54-56. Chan teaches a server and a user that accepts user’s document requests, col. 4, lines 22-32. Chan teaches referencing a document with a base document associated with a class as “reference objects”, col. 5, line 2 to obtain said base document as “set of objects”, and “subset”, col. 5, lines 6-8. Chan teaches condensing a document as “compressing out the similar parts”, col. 5, lines 29, 24-34 relative to said base document and transmitting the document to a user, col. 4, lines 56-59. Chan teaches a delta coding type process, col. 8, lines 33-34

7. Regarding claim(s) 2-3, 9, 12, 21, 24, 27, 33, Chan teaches optimizing the sending of a document, for example by size, based on a URL network request, col. 3, lines 64-67.

8. Regarding claim(s) 4, 6, Chan teaches optimizing computational effort as “computational complexity”, col. 1, lines 47-52 and col. 10, lines 55-57, and this indirectly relates to cost, col. 7, lines 60-67.

9. Regarding claim(s) 5, Chan teaches optimizing time of transmission, col. 11, lines 55-57.

10. Regarding claim(s) 7-8, 25, Chan teaches a plurality of classes that meet thresholds, col. 7, lines 1-6.

11. Regarding claim(s) 10, Chan teaches minimizing the differences, col. 5, lines 28-30.

12. Regarding claim(s) 11, 26, 38, Chan teaches creating new classes or objects, col. 4, lines 1-2.

13. Regarding claim(s) 17, Chan teaches replacing the old document with a new document, col. 6, lines 4-8.

14. Regarding claim(s) 18-19, 30, Chan teaches that the base document is anonymous and

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lack confidential content, col. 8, lines 4-6 and col. 11, line 1 as anonymous URLs and anonymous dictionary entries that will not contain content of a specific user.

15. Regarding claim(s) 13-14, 16, 28-29, 34-35, Chan teaches condensing based on past documents preexisting or cached, col. 5, lines 41-56 wherein documents are cached at the user or proxy for a limited time to be used again and again because they needed often.

16. Regarding claim(s) 15, Chan teaches sending the base document for reconstruction, col. 6, lines 4-8.

17. Regarding claim(s) 20, 22, 31, 39, Chan teaches the request identifies the user and document, col. 4, lines 25-27 and determines if a previous request has been made.

18. Regarding claim(s) 21, 33, Chan teaches a document network location as URL, col.4, line 23, and within the same domain, col. 4, lines 41-42 and col. 5, lines 16-19.

Conclusion

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure is disclosed in the Notice of References Cited. The other references cited teach numerous other ways to perform document condensing, thus a close review of them is suggested, particularly, Schloss et al. with Patent Number 6,249,844, Leighton et al. with Patent Number 6,108,703 and Sokol et al. with Patent Number 6,405,211.

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephan Willett whose telephone number is (703) 308-5230. The examiner can normally be reached Monday through Friday from 8:00 AM to 6:00 PM.

21. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

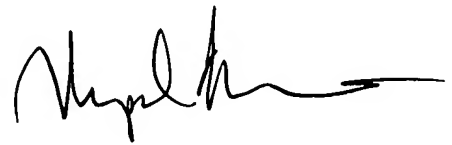
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supervisor, Rupal Dharia, can be reached on (703) 305-4003. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

22. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9605.

sfw

January 9, 2004

A handwritten signature in black ink, appearing to read 'Rupal Dharia', with a long horizontal flourish extending to the right.

RUPAL DHARIA
SUPERVISORY PATENT EXAMINER